

Converting Colors

XYZ(30.5915, 23.5895, 16.2786)

Have a look what the booklet for
XYZ(30.5915, 23.5895, 16.2786)
contains.

XYZ(30.5241, 23.5593, 16.3032)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.5241, 23.5593,
16.3032)**

Conversions

Conversions Part 1

Format	Color
Hex	C36D69
RGB	195, 109, 105
RGB Percent	76%, 43%, 41%
CMY	0.2353, 0.5725, 0.5882
CMYK	0.00, 0.44, 0.46, 0.24
HSL	3°, 43%, 59%
HSV	3°, 46%, 76%
XYZ	30.5241, 23.5593, 16.3032
YIQ	134.2580, 52.5400, 16.9880

Conversions

Conversions Part 2

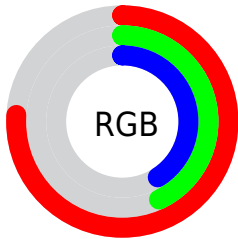
Format	Color
R_{YB}	195, 109, 105
Decimal	12807529
CIE Lab	55.64, 33.59, 17.32
CIE LCh	56, 37.797, 27.276
Yxy	23.5593, 0.4337, 0.3347
Android (android.graphics.Color)	4290997609 (0xFFC36D69)
YUV	134.2580, -14.4242, 53.2707
Hunter-Lab	48.5379, 27.3121, 14.0619

Details

The XYZ color **30.5241, 23.5593, 16.3032** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.3058, 44.2028, 58.3535**, and the grayscale version is **22.7934, 23.9805, 26.1147**.

A 20% lighter version of the original color is **59.7941, 49.3118, 37.8191**, and **12.8089, 8.8367, 5.0335** is the 20% darker color. If you saturate the color by 10%, you get **27.8530, 19.6414, 11.0222**, and if you desaturate by 10%, it is **33.8475, 28.4141, 22.9358**.

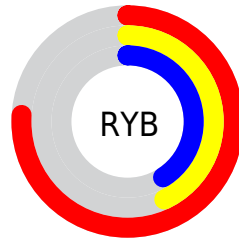
Distribution



Red (76%)

Green (43%)

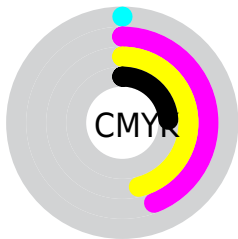
Blue (41%)



Red (76%)

Yellow (43%)

Blue (41%)

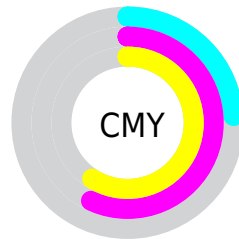


Cyan (0%)

Magenta (44%)

Yellow (46%)

Black (24%)



Cyan (24%)


Magenta (57%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5241, 23.5593, 16.3032 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 30.5241, 23.5593, 16.3032 by changing the saturation by 10% instead.


 30.5241, 23.5593,
16.3032


 30.5241, 23.5593,
16.3032


296.2060,
270.5848, 243.0307


 20.3868, 15.0070,
9.5823


 59.8710, 49.3101,
37.8979


 12.7864, 8.8243,
5.0209


 79.8113, 67.2774,
53.6087

 7.3576, 4.6268,
2.2006


 103.7499, 89.1518,
73.1533

 3.7350, 2.0300,
0.6747

 132.0523,
115.3178, 96.9501

 1.5534, 0.6248,
0.0000

165.0837,
146.1597, 125.4177

 0.3617, 0.0000,
0.0000

203.2096,

 0.0000, 0.0000,

182.0619, 158.9746

0.0000

246.7952,
223.4088, 198.0395

■ 30.5241, 23.5593,
16.3032

■ 30.5241, 23.5593,
16.3032

■ 27.8530, 19.6414,
11.0222

■ 33.8475, 28.4141,
22.9358

■ 25.7897, 16.5968,
6.9986

■ 37.8603, 34.2569,
31.0027

■ 24.2868, 14.3594,
4.1284


■ 42.5990, 41.1395,
40.5816


■ 23.2892, 12.8527,
2.2903


■ 48.0969, 49.1090,
51.7442


■ 22.7297, 11.9845,
1.3306

■ 54.3854, 58.2095,
64.5576

 22.5998, 11.7904,
1.0846

 61.4940, 68.4830,
79.0852

 69.4507, 79.9688,
95.3868

 76.3156, 90.3421,
108.0232

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.6502, 23.5593, 26.7874



30.5241, 23.5593, 16.3032



27.1378, 23.5593, 10.5039

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.5241, 23.5593, 16.3032



16.1631, 23.5593, 14.9121



22.0040, 23.5593, 57.0944

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



30.5241, 23.5593, 16.3032



34.3058, 44.2028, 58.3535

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



18.2352, 23.5593, 50.9995



30.5241, 23.5593, 16.3032



15.1427, 23.5593, 24.5493

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



30.5241, 23.5593, 16.3032



18.8318, 23.5593, 9.8988



15.8507, 23.5593, 38.0274



26.3758, 23.5593, 52.7892

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30.5241, 23.5593, 16.3032



24.2526, 23.5593, 8.8564



15.8507, 23.5593, 38.0274



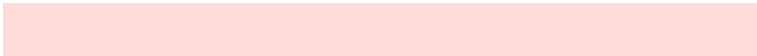
20.6299, 23.5593, 56.1591

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



30.5247, 23.5605, 16.3036



78.0944, 76.2910, 76.3282



37.0717, 25.5112, 52.8393



16.6553, 16.0590, 15.8099



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.5247, 23.5605, 16.3036



50.0129, 35.3658, 19.9915



36.4467, 35.4046, 18.2776



10.1084, 10.1481, 10.4879



14.7051, 7.6959, 0.7104



0.6480, 0.3578, 0.0349

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34.3058, 44.2028, 58.3535



57.5683, 76.6845, 104.2372



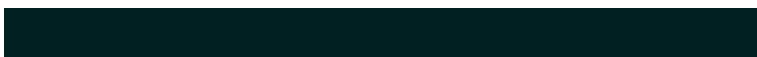
26.1099, 27.8110, 55.6215



10.3289, 11.3491, 12.9310



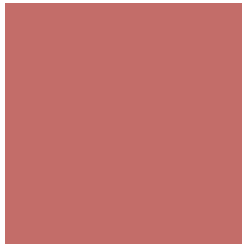
17.8756, 25.5078, 37.5380



0.7844, 1.1262, 1.6259

Previews

White Background



This preview shows how the XYZ color 30.5241, 23.5593, 16.3032 looks on a white background.

Color Contrast Check

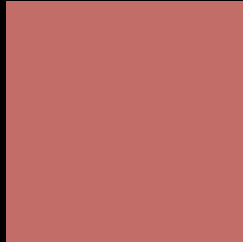
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.5241, 23.5593, 16.3032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5241, 23.5593, 16.3032

Background



This preview shows how black text looks on a background with the XYZ color 30.5241, 23.5593, 16.3032.



This preview shows how white text looks on a background with the XYZ color 30.5241, 23.5593,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

30.5241, 23.5593, 16.3032

Protanopia

22.4136, 23.6349, 20.2103

Deuteranopia

24.0221, 23.5658, 15.8529



Tritanopia

31.1172, 23.4890, 19.1134

Trichromacy



Original Color

30.5241, 23.5593, 16.3032

Protanomaly

24.6855, 23.0811, 18.7768

Deuteranomaly

26.0801, 23.3119, 15.9570

Tritanomaly

30.9968, 23.6086, 17.9621

Monochromacy



Original Color

30.5241, 23.5593, 16.3032

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.6191, 23.1652, 21.9127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5241, 23.5593, 16.3032 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(195, 109, 105)` looks like.

```
.text, #text, p{  
    color:rgb(195, 109, 105)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(195, 109, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 109, 105) }
```

Border

The CSS property to change the border of an element to XYZ 30.5241, 23.5593, 16.3032 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 109, 105) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(195, 109, 105) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(195, 109, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 109, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 109, 105);  
box-shadow:4px 4px 4px 4px rgb(195, 109,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5241, 23.5593, 16.3032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 109, 105) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(195,  
109, 105) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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